Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
of a collection of information unless it displays a valid OMB control number Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CER 1 53/b))

į	personal of the internation and control number.								
	Attorney Docket No.	11429/12:2	1						
	First Inventor	Bradley J. Aitchison							
	Title	Precursor Material Deliv System for Atomic Layer.	erz						
	Express Mail Label No.	EV105699998115	[						

1000	rp. criacina, applications and a criacino (100(b))	Express Mail Label No.	EV1056999980	5		
	PLICATION ELEMENTS 600 concerning utility patent application contents.	ADDRESS TO:	Mail Stop Patent Applicati Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-145	, E		
2. Applicant cla See 37 CFR 3. Specification (preferred arra Descriptive tif - Cross Referre - Statement Re - Reference to or a compute - Background - Brief Summan - Brief Descript - Detailed Desc - Claim(s) - Abstract of th	[Total Pages35] Ingement set forth below) Itle of the invention Ince to Related Applications Regarding Fed sponsored R & D Requence listing, a table, If program listing appendix If the Invention If the Invention If the Invention If the Drawings (if filed) If the Invention	Computer Progr  8. Nucleotide and/or Ar (if applicable, all nece a. Computer  b. Specificati  i. CD-f  ii. Pape  c. Statement  ACCOMPANY  9. Assignment Pa	mino Acid Sequence Suessary) Readable Form (CRF) ion Sequence Listing on ROM or CD-R (2 copies) er ts verifying identity of ab //ING APPLICATIO apers (cover sheet & do	bmission  100  100  100  100  100  100  100  1		
5. Oath or Declaration [Total Sheets] a Newly executed (original or copy)  b Copy from a prior application (37 CFR 1.63(d))						
Signed s name in 1.63(d)(	FION OF INVENTOR(S) statement attached deleting inventor(s) the prior application, see 37 CFR 2) and 1.33(b).  Data Sheet. See 37 CFR 1.76	15. (Should be specified Copy (if foreign prior) 16. Nonpublication (b)(2)(B)(i). Apporting the control of the	ecifically itemized) of Priority Document(s) ity is claimed) Request under 35 U.S. plicant must attach form	PTO/SB/35		
Continuation  Prior application informatic For CONTINUATION OF 5b, is considered a part		37 CFR 1.76:  uation-in-part (CIP) of prior  Art Unit: the prior application, from which per or divisional application and	r application No.:	Supplied under Pay		
	19. CORRESPOI	NDENCE ADDRESS				
Customer Num	nber: 3528	OR [	Correspondence add	lress below		
Name Sto	el Rives, LIP					
Address 900 SW Fifth Avenue, Suite 2600						
City Por	tland	State Oregon	Zip Code	97204		
A		Telephone 503.224.33	80 Fax	503,220,2480		
	assim M. Ferris	Registration No. (Attorney/				
Signature C	Was Maria 16		Date	1 1 5		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2. Sept. 10, 2003

Application No.:

Filed: Concurrently Herewith Inventors: Brad J. Aitchison et al.

Title: PRECURSOR MATERIAL DELIVERY SYSTEM FOR ATOMIC LAYER

**DEPOSITION** 

Attorney Docket No.: 11429/12:2

## **CERTIFICATE OF EXPRESS MAILING**

"Express Mail" mailing label number EV 105699998 US

Date of Deposit: September 10, 2003

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VIRGINIA 22313-1450

Mary E. Warinner

Typed or printed name of person signing certificate

## Attachments:

- Utility Patent Application Transmittal
- Application Data Sheet
- 35 pages of specification and claims
- 9 sheets of drawings
- Return Receipt Postcard